

software-engineer

Jay Hwang

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PROJECTS

CouchBnB (Full-Stack Engineer) (Ruby on Rails, PostgreSQL, React.js) [Live](#) | [Github](#)

- Designed a DRY, scalable system that employs AJAX to fetch the geocode coordinates of a given location to automate data manipulation
- Built a Single-page app and a RESTful API that the app uses to perform CRUD actions
- Utilized Google Maps API with ActiveRecord queries to filter data and pan the map to given location

Space Invaders (Front-end Developer) (Javascript, HTML, CSS) [Live](#) | [Github](#)

- Orchestrated an engaging user experience by implementing HTML Canvas to render game objects for the user to interact with
- Greatly enhanced UI/UX by engineering a dynamic solution that utilizes Real Time measurements to alleviate HTML Canvas lag, increasing responsiveness by 40%

Pabang (Job Application Bot) (Back-end Developer) (Ruby, Selenium)

- Created a script to browse a given website, parse all of the job listings and save listings that match certain criteria while filtering out unwanted data
- Engineered an automated bot that tailors the cover letter and resume depending on specified keywords and sends out applications

SKILLS

jQuery

JavaScript

React/Redux

Ruby On Rails

Rspec

SQL

Git

CSS

HTML

EDUCATION

App Academy - Acceptance Rate < 3%

- Rigorous 1000-hour full stack development bootcamp emphasizing Object-Oriented Programming, TDD, pair-programming, algorithms and development best practices

Nyack Music School - Jazz Drum Performance

- Earned recognized as Most Improved Student by practicing 10-14 hours daily

EXPERIENCE

San Francisco City Impact

- Mobilized, trained and led 1,000+ volunteers for 15+ annual events and fundraisers, helping raise upwards of \$15M
- Oversaw and trained staff, students, and volunteers in the music department
- Vastly enhanced live performance by re-designing the training program ground up to focus on the fundamentals of individuals, and ear-training + unison as a group

Fall 2016

2012 - 2013

2013 - 2016